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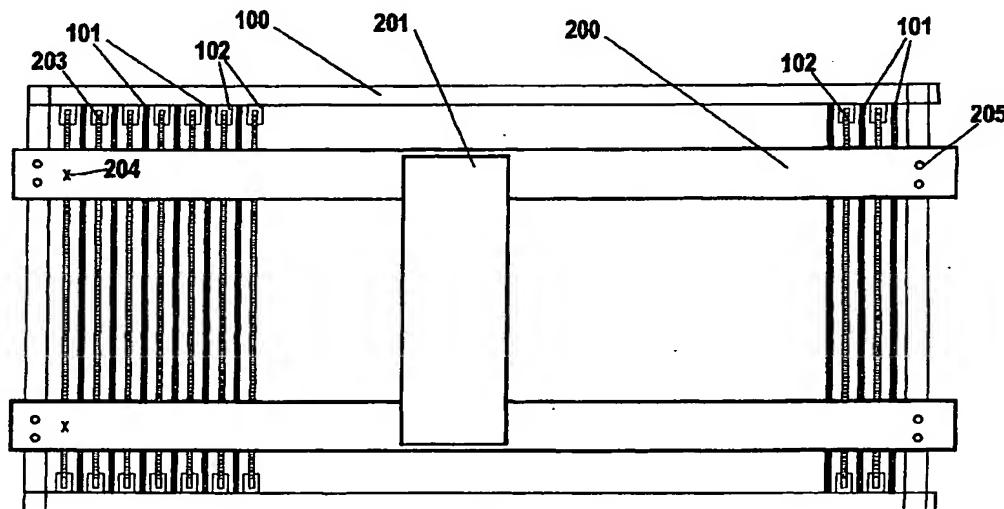
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(57) Abstract: It is described a finite interelectrode gap-cell for oxygen evolving electrochemical processes comprising a package of planar anodes secured to a rack and a package of planar cathodes intercalated to the anodes secured to a frame. The cathode package can be handled separately or jointly with the anode package by means of a lifting device. The cell is particularly useful in metal electrowinning processes and in softening processes of calcareous waters by microelectrolysis.